

**PRELIMINARY DRAFT - February 20, 1997**

**CARPET AND UPHOLSTERY CLEANER  
(Aerosol and Non-aerosol)**

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**Preliminary Draft VOC Limit: (aerosol): 4.0% by weight  
(non-aerosol): 0.05% by weight**

**I. Product Definition:**

“Carpet and Upholstery Cleaner” means any cleaning product that is designed for the purpose of eliminating dirt and stains on rugs, carpeting, and the interior of motor vehicles and/or cotton, nylon or other synthetic fabrics. “Carpet and Upholstery Cleaner” does not include spot remover, vinyl or leather cleaner, or products designed exclusively for use at industrial or commercial facilities engaged in such activities as furniture manufacturing or refinishing. Also excluded from this category are general purpose cleaner, or products designed for use at industrial sites, such as carpet manufacturing plants.

**II. Typical Formulations of Complying Products (Category 505c):**

*Disclaimer: The following sample formulations for complying products are not intended to be complete formulations. Air Resources Board staff realize that consumer product formulations are often complex mixtures that require extensive testing to optimize. The sample formulations are intended to illustrate the approximate proportions of compounds that may be used to formulate a consumer product that meets the draft volatile organic compound limits for the Mid-term Measures.*

**A. Aerosol Products**

**1. Water-based formulation:\***

<b>Wt. %</b>	<b>Ingredient</b>
75 - 85	Water
1 - 4	VOC Propellant
10 - 15	LVP VOC's
1 - 5	Inorganics

\* As seen in our 1995 Mid-term Measures Survey

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2. Water-based formulation:

<b>Wt. %</b>	<b>Ingredient</b>
70 - 80	Water
15 - 25	Non-VOC Propellant
1 - 5	LVP VOC's
1 - 5	Inorganics

B. Non-aerosols

1. Water-based formulation:\*

<b>Wt. %</b>	<b>Ingredient</b>
95 - 99	Water
0 - 2	LVP VOC's
0 - 3	Inorganics

2. Water-based formulation:\*

<b>Wt. %</b>	<b>Ingredient</b>
95 - 99	Water
0 - 2	Inorganics
0 - 2	LVP VOC's
0 - .05	VOC's

3. Water-based formulation:\*

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<b>Wt. %</b>	<b>Ingredient</b>
95 - 99	Water
0 - 3	LVP VOC's
0 - 2	Inorganics
0 - .05	VMS
0 - .05	VOC's

\* As seen in our 1995 Mid-term Measures Survey